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Date: May 10, 2010

TO: Examiner Mohammad M. Ali

Fax Number: 571-273-4806

Company: U.S. Patent and Trademark  
Office, Art Unit 3744

Telephone:

Your Reference: USSN 10/529,870

FROM: Michael Britton

Telephone: 703 838 6529

Our Reference: 1018773-000044

Sent By: Geri Harrell

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**Message**

Dear Examiner Ali:

As we discussed, attached is a copy of the proposed claim amendments.

Best regards,

Michael Britton

**PROPOSED CLAIM AMENDMENTS FOR**  
**U.S. PATENT APPLICATION NO. 10/529,870**

27. (Currently Amended) Pressure pulsation reduction equipment of refrigeration cycle equipment, comprising:

a refrigeration cycle including a refrigeration compressor, which is connected to a pipe that is a flow-channel; and

a pressure pulsation reducer, ~~which is~~ installed on at least one of a high pressure side and a low pressure side of the refrigeration compressor, the pressure pulsation reducer including:

a flow-channel separator which separates the flow channel of the pipe into at least a first flow channel and a second flow channel; and

a plurality of small holes formed ~~downstream of the area where the flow channels separate~~ on the flow-channel separator,

wherein the flow-channel separator ~~is formed~~ has an open end on one an upstream side and a closed end and, downstream of where the flow channels separate, the flow channel separator is in contact with a flow channel wall in the pipe on another end on a downstream side.

28. (Currently Amended) The pressure pulsation reduction equipment of refrigeration cycle equipment according to claim 27, comprising:

a pressure pulsation reducer, ~~which is~~ installed on at least one of a discharge side and a suction side of the refrigeration compressor, the pressure pulsation reducer including:

a refrigerant flow-channel separator in a refrigerant flow-channel for a refrigerant pipe which separates the refrigerant flow channel of the refrigerant pipe into at least a first refrigerant flow channel and a second refrigerant flow channel; and

a plurality of small holes formed ~~downstream of the area where the refrigerant flow channels separate~~ in the refrigerant flow channel separator,

wherein the refrigerant flow-channel separator ~~is formed~~ has an open on one end and, downstream of where the flow channels separate, the flow channel separator is in

contact with a refrigerant flow channel wall in the refrigerant pipe on another end on an upstream side and a closed end on a downstream side.

29. (Currently Amended) Pressure pulsation reduction equipment of refrigeration cycle equipment, comprising:

a refrigeration cycle including a refrigeration compressor; and

a pressure pulsation reducer, ~~which is~~ installed in an oil separator that is incorporated with the compressor, the pressure pulsation reducer including:

a passage which forms a flow channel through a wall of the oil separator;

a flow-channel separator which separates a the flow channel into at least a first flow channel and a second flow channel; and

a plurality of small holes forms the first flow channel and a an open nozzle forms the second flow channel, the open nozzle being formed downstream of the plurality of holes, wherein the open nozzle of the flow-channel separator is formed open on one end of the passage on a downstream side and, ~~downstream of where the flow channels~~ separate, the flow-channel separator passage is in contact with an the oil separator wall on another end.